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*Docket 222*

FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

POLICY & PLANNING  
BRANCH ROOM 5202  
DOCKET FILE COPY ORIGINAL

24 MAR 1993

IN REPLY REFER TO:

7330-7/1700A3

Honorable Jim Bunning  
House of Representatives  
116 Cannon Building  
Washington, D.C. 20515

RECEIVED

APR 13 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Dear Congressman Bunning:

This is in reply to your letter of February 19, 1993, in which you inquired on behalf of several of your constituents regarding the Notice of Proposed Rule

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V

JIM BUNNING  
4TH DISTRICT, KENTUCKY

COMMITTEES:  
WAYS AND MEANS  
VICE CHAIRMAN, SUBCOMMITTEE  
ON SOCIAL SECURITY  
SUBCOMMITTEE ON OVERSIGHT  
ETHICS COMMITTEE

PRB  
92-235  
1047

Congress of the United States  
House of Representatives  
Washington, DC 20515-1704

118 CANNON BUILDING  
WASHINGTON, DC 20515-1704  
(202) 225-3465  
DISTRICT OFFICES:  
1717 DIXIE HIGHWAY  
SUITE 160  
FT. WRIGHT, KY 41011  
(606) 341-2602  
7410 NEW LAGRANGE ROAD  
SUITE 130  
LOUISVILLE, KY 40222  
(502) 429-5588

February 19, 1993

Chairman James Quello  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, D.C. 20554

Dear Chairman Quello:

Attached are several letter I received from  
constituents expressing their opposition to the FCC  
proposal to restructure the 72-76 Mhz frequency band.

As you can see, they have pointed out the safety  
factor involved in making these proposed changes. I  
request that you include their letters in the official  
comments and give them every consideration when this  
proposal is reviewed.

Thank you for your time and attention to this matter.  
Please let me know the status of Docket 92-235.

Best personal regards

MAC

FEB 11 1993

Feb. 1, 1993

The Honorable Jim Bunning  
U. S. House of Reps.  
Washington, D.C. 20515

Dear Mr. Bunning:

In 1959, my dad took me to the flying field on my birthday. I've been flying model airplanes ever since that time, and I've been flying Radio Control or R/C since 1977. I enjoy both building and flying, especially now that my children are developing an interest in the hobby.

I am also active in The Flying Cardinals of Northern Ky. Annually, the Cardinals put on a static, or non-flying show at Crestview Hills Mall and a flying show at Big Bone State Park. These shows provide recreation and enjoyment to literally thousands of people; besides the monies raised for charity. Last year, we supported Easter Seals.

I now see the possibility of all of the above I've just described to you being endangered by PR Docket 92-235. If this rule is implemented, approx. \$2500 of my R/C equipment will become unusable. The Flying Cardinals Big Bone Show will become history, as will the annual HAWKS 4-Cycle Rally. Incidentally, the HAWKS rally was attended by 115 fliers from 15 states; Canada, Japan, and Australia.

PR Docket 92-235 would permit mobile transmitters with 4 times our power to operate 2.5kHz from our present frequencies. To make matters worse, their technical specifications would allow direct transmission on 31 of our frequencies. This would generate interference that would render our equipment inoperable. Being "mobile" these transmitters could operate in our pit areas, or on nearby roads and highways.

Please note that these R/C airplanes are not "toys", but true miniature aircraft. Most weigh 5 to 10 pounds on average, and fly at speeds of 40 to 100 mph average. Thus, these aircraft are capable of causing property damage, serious injury or even death if interference causes loss of control from the pilot. Also note that at the HAWKS event I described earlier, between four and five hundred flights were logged in one weekend with no control problems from interference.

In closing, please help me to continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72--76 MHz band.

Sincerely,

*Paul M. Bankemper*  
Paul M. Bankemper  
213 Heather Hill Dr.  
Southgate, Ky. 41071

The Honorable Jim Bunning  
Room 116  
Cannon House Office Building  
Washington, D.C. 20515

FEB 10 1993

WJG  
D.F.C.  
m-12  
mas

Dear Mr. Bunning:

I am a retired military pilot and now work as an airline pilot. I have been involved with model aviation as well as full-sized airplanes as long as I can remember and currently am a member of a model airplane organization that is concerned about a proposed rule that you have no doubt heard about by this time.

The preceding is PR Docket 92-235 that is currently under consideration by the FCC. If adopted, the new rule will greatly reduce the usable frequencies that are currently assigned to model aircraft use and increase the risk of accidents and attendant liability.

The plan will greatly reduce bandwidth and increase the band

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FCC  
MAY 2  
MAY 5

The Honorable Jim Bunning  
1717 Dixie Highway  
FT. Wright, KY 410

January 17, 1993

Dear Mr. Bunning,

I am a retired serviceman from the U.S. Air Force. Upon my return to Kentucky, I have intended to pursue my hobby in model aviation. I derive many hours of enjoyment building and operating radio controlled models. I am an active member of the Flying Cardinals Club located in Northern Kentucky. I own 2 pieces of radio equipment that was just modified to meet the latest restriction placed on these particular radio bands. Another modification would increase cost to thousands of radio control operators. Our club sponsors local and national sporting events, including an annual show at the Big Bone park. At all our public functions, there are quite a few spectators that enjoy our shows and some eventually pursue the hobby. The safety of the spectators will be greatly reduced if these frequencies are allowed to be changed.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators, bystanders, and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

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Representative Jim Bunning.

DEAR SIR: CONCERNING THE FCC PROCEEDING  
PR DOCKET 92-235 THE NEW RULES THEY ARE  
CONSIDERING ADOPTING, CONCERNING THE 72-76 MHZ  
RADIO BAND FOR THE USE PRESENTLY FOR RADIO  
CONTROLLED AIRPLANES,

THE FCC WANTS TO CREATE MORE LAND MOBILE FREQUENCIES



FEB 05 1993

Frederick C. Schill

4603 Wyndcrest DR.

Owensboro, KY. 42301

DPCC  
M 112  
M 115

Dear Sir

The Federal Communications Commission(FCC)has issued a notice of Proposed Rule Making (NPRM-PR Docket 92-235) which,if implemented, will have a profound effect on Radio Control model frequency use. Developed by the FCC Land Mobile Service,it creates a massive frequency restructuring -The first of it"s type in 60 years.

The 419 page document adresses frequency use in another service (Part 88)but will also effect(Part 95)where our Radio Control Model frequency use lives.

In the 72MHz Band thirtty one of our frequencies would be bracketed, principally in the lower end of the band(Below Channel 42).A similar condition would exist in the 75MHz band.

I am retired and derive many hours of pleasure from building and operating radio control modles.I am an active competitor in local events

I am active in our local club.

I own 5 pieces of radio equipment that would be unuseable if this frequency assignment is adopted.

It would cost me two hundred plus dollars to get my radio equipment reworked so that it will be out of the range of the frequency changes proposed by the FCC.Multiply this cost,by the Hundred of thousands modelers across the country and we are talking millions of dollars.

This FCC Docket 92-235 is totally unfair to Radio Control Modelers.

Since the proposed new frequencies are so close,interference will occur and render most model frequencies unuseable.Not only are these new frequencies close too ours,they are also designated as "mobile", therefore we would never know where operating,including right in the pit area at our flying field or on the street nearby.In addition,the techinical specifications for the new equipment allows a legal frequency tolerance which place their signal on ours.This means our three hundred airplane will crash.

Please act on this before Feb. 26,1993.As usual this is being jammed down our throats.

Frederick C Schill

January 25, 1993

The Honorable Bill Bunning  
U.S. House of Representatives  
Washington, DC 20515

DP  
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m-5  
FEB 02 1993

Dear Representative Bunning:

I am writing in regards to FCC VERM FR Docket 92-235.

I have been involved in radio controlled model aircraft for the past 20 years and am an active member in a local club consisting of 40 members. We all have a considerable amount of time and money invested in our aircraft. For example, I

Sample Letter to Senator or Representative (from consumer)  
Regarding FCC Rule Making

[Date] Feb 6 1993

The Honorable [Name]  
[Address]

Dear Mr./Ms. [Name] (if to Representative):

Dear Senator [Name] (if to Senator):

Jim Banning

FEB 12 1993

[Begin with a description of the writer's interest. E.g., "I am retired and derive many hours of enjoyment from constructing and operating radio-controlled model airplanes." Or, "I have been interested in aviation for as long as I can remember. I am very active in a local club whose members enjoy constructing and operating radio-controlled model airplanes. I personally own 1 radios, 1 R/C models and have a workshop full of other products necessary to operating my models."]

I am very concerned about the proposed rule that is currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability.

Our radio-control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio-control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

The Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of the rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band (for R/C aircraft) and 10 of the 30 frequencies on the 75 MHz band (for R/C cars and boats) now used by hobbyists. In fact, more channels will likely be affected.

When we operate our R/C models, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

I don't think it is wise of the FCC to seek to expand the operation conditions of land mobile radio users at the expense of the radio-control modelers. The FCC may not think we are as important as business users of radio, but we have a considerable investment in our models and in our radio equipment. It is a sizeable industry that must be saved from these detrimental FCC actions. The hobby provides many hours of enjoyment to hundreds of thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposal PR Docket 92-235 for the 72-76 MHz band. We all need your help urgently because the FCC has a deadline of February 26, 1993 after which it may become more difficult to avoid halting these proposals from going into effect.

Sincerely,

Stephanie Poole

FEB 16 1993

The Honorable Jim Bunning  
U.S. House of Representatives  
Washington D.C.  
20515

Jack Cummins  
802 Harris Rd.  
Independence, KY  
41051

February 8, 1993

DPCC  
mkz  
m's

Dear Congressman Bunning,

I am writing to you in regard to the FCC rule frequency issue noted as PR Docket 92-235. I have been actively interested in aviation for years and have been involved with remote control planes for ten years. Besides the enjoyment of this activity, I have over six thousand dollars worth of equipment which will be impossible to use if this

FEB 16 1993

1037 Seminole Trail  
Frankfort, KY 40601  
February 6, 1993

DPF  
mhz  
n.o.

Dear Representative Bunning:

I am a registered professional electrical engineer in the State of Kentucky and have been interested in electronics and aviation since I was a child. My hobby is building and flying remotely piloted vehicles. These airplanes are radio controlled and carry TV cameras. I am designing an on-board computer system to provide additional data and control functions.

I am very concerned about PR Docket 92-235 which proposes to split the land mobile 72-76 Mhz frequency band into narrower bandwidths. This action will cause serious interference with the frequencies allocated for radio controlled vehicles.

The airplanes that I fly are similar to the RPV's that the military is beginning to use. There are huge commercial and military applications for this technology. These applications include: surveying, mapping, crop studies, pollution monitoring, highway patrol, reconnaissance and gun targeting. This technology has been accelerated and refined by the knowledge of the radio controlled hobbyists.

Many people participate in the hobby of radio controlled airplanes. At large airshows hundreds of people may be scheduled to fly. These planes can weigh up to 40 pounds and fly in excess of 100 MPH. A mobile radio operating on the new frequencies could send these planes out of control into the spectator area.

I have several thousand dollars invested in my airplanes. I have been flying models for 17 years and credit much of my understanding of electronics and aeronautics to this hobby. At this point in time where the United States is emphasizing education and the industries of the future, this FCC ruling would seriously disrupt the most "high-tech" hobby in the world. As a licensed radio amateur I urge you to keep the radio spectrum open for the use and education of thousands of people.

The FCC should not sacrifice the small band of frequencies allocated for the hobbyist to feed the insatiable need of business. PR 92-235 would only hinder the people who would teach themselves much about electronics and drive the workforce of tomorrow.

Sincerely,



Glenn W Anderson, KD4FDU

CMS# 28290

MAK  
M112  
DPHCC

FEB 22 1993

To: Congressman Jim Bunning

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operators. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that my model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Robert A Lickliter  
850 Merrell RD.  
Burlington KY. 41005

Sincerely,  
*Robert A. Lickliter*  
Robert A Lickliter

CH 21828 FEB 22 1993

2/12/93

M. J. POC  
M. H. Z.

The Honorable Jim Bunning  
2437 Rayburn House Office Building  
Washington, DC 20515

Dear Mr Bunning,

I would like to thank you for your 'Reports from Washington'. I sincerely enjoy reading the report and appreciate your efforts. I am sending you this letter after reading your article "Letters - the Power of the Pen". I am actually 'writing' this letter (ie NO COMPUTER!!) to let you know I am a real person with a real concern.

My concern involves a proposed rule making called PR Docket 92-235. I understand that this is a work created by the FCC Land Mobile Service that will restructure frequency allocations and put more mobile commercial frequencies interspersed with 72 and 75 Mhz remote control frequencies. I am a remote control aircraft operator and I do not feel comfortable knowing that a spurious signal 2.5 KHz from my operating frequency can send a 100 MPH remote control aircraft out of control. This legislation could prove to be lethal if such a situation occurs.

There are other personal and monetary reasons for me to ~~support~~ want the frequency change to ~~pass~~ not pass, but the main issue here is safety. Please do not let them take our current frequencies away - have them move somewhere else.

Please vote against PR Docket 92-235.

Sincerely,

Samuel H. Slayden  
3111 Beech Ave  
Covington, Ky 40115  
(606) 431-2423

*Mos  
M. 2  
M. 2*  
FEB 22 1993

February 7, 1993

Robert G. Brown P. E.  
369 Bon Haven Drive  
Maysville, Ky 41056

*CMS# 218292*  
The Honorable Jim Bunning  
2437 Rayburn House Office Building  
Washington, D. C. 20515

Dear Mr. Bunning:

As a hobby, I am very active in building and flying radio controlled model airplanes. I have four airplanes and my son and I fly them almost every weekend. I am also president of Southern Ohio Flying Aces, a club of about thirty members, and we have a flying site in Aberdeen Ohio. This hobby provides not only the active



218736  
FEB 18 1993

Feb 2 1993

The Honorable Jim Bunning  
U.S. House of Reps.  
Washington, DC 20515

Dear Mr. Bunning,

I have been involved in the building and flying of radio controlled model aircraft for about ten years, I spend a considerable amount of time and money in this hobby. Recently I have learned of an FCC proposed rule making (PR Docket 92-235).